



Australian Government

UETDRVC007 Control vegetation using pruning techniques

Release: 1

UETDRVC007 Control vegetation using pruning techniques

Modification History

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector Training Package Release 2.0.

Application

This unit involves the skills and knowledge required to control vegetation using pruning techniques in the electricity supply industry (ESI).

It includes pruning activities performed in accordance with relevant industry standards to achieve statutory vegetation clearance requirements.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace.

Other conditions may also apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

UETDREL002 Comply with environmental requirements

UETDREL006 Work safely in the vicinity of live electrical apparatus as a non-electrical worker

UETDRVC001 Apply work health and safety requirements for powerline vegetation control

Competency Field

Vegetation Control

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 Prepare for pruning | <ul style="list-style-type: none">1.1 Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are referred to and confirmed1.2 Work instruction is obtained and confirmed in accordance with workplace requirements1.3 Tools, equipment and personal protective equipment (PPE) required for work are determined, obtained and confirmed in safe working order1.4 Hazards are identified, risks assessed, and control measures identified and applied1.5 Work is prioritised and sequenced for completion in accordance with work instruction and workplace requirements1.6 Worksite is prepared in accordance with the work instruction and workplace requirements |
| 2 Perform pruning | <ul style="list-style-type: none">2.1 Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are applied and monitored2.2 PPE is used in accordance with workplace requirements2.3 Hazard control measures are monitored in accordance with workplace requirements2.4 Pruning techniques are applied in accordance with work instructions and workplace requirements2.5 Pruning tools and equipment are operated safely and effectively in accordance with the manufacturer instructions and workplace requirements2.6 Incidents or unplanned events are responded to in accordance with workplace requirements |
| 3 Complete work and documentation | <ul style="list-style-type: none">3.1 Completed work is checked for compliance against the work instruction and workplace requirements3.2 Tools and equipment are cleaned, checked and returned to storage in accordance with workplace requirements3.3 Incidents or unplanned events are reported in accordance with workplace requirements |

- 3.4 Worksite is cleaned and made safe in accordance with workplace requirements
- 3.5 Work documentation is completed in accordance with workplace requirements

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UETTDRCV33 Apply pruning techniques to vegetation control near live electrical apparatus.

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>

Assessment Requirements for UETDRVC007 Control vegetation using pruning techniques

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- applying relevant legislation, regulations, standards, codes of practice and organisational workplace requirements, including:
 - work health and safety (WHS)/occupational health and safety (OHS)
- identifying hazards and assessing risks
- identifying, applying and monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- pruning vegetation in accordance with workplace requirements, including:
 - using techniques for shaping and forming vegetation
 - controlling/managing epicormic regrowth
 - using appropriate cutting techniques for branch removal
 - applying the principles of compartmentalization of decay in trees (CODIT)
 - determining the correct location for the final cut
 - using species appropriate pruning techniques
- using tools and equipment safely
- performing pre-operational checks on tools and equipment
- using correct cutting angle in accordance with workplace requirements, including:
 - branch bark ridge
 - stem bark ridge
 - visible branch collar
 - determining suitable growth points
- dealing with an unplanned event on at least one (1) occasion
- completing relevant work records, reports and documentation.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- relevant legislation, regulations, standards, codes of practice industry and workplace requirements, including:
 - WHS/OHS
- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of PPE
- safe use of tools and equipment
- events constituting an unplanned event or incident
- procedures for responding to an unplanned event or incident
- pruning principles and techniques, including:
 - shaping, forming and controlling epicormic regrowth
 - preventing disease and damage (CODIT)
 - promoting tree health
 - effects of incorrect pruning
- tree physiology (basic), including:
 - photosynthesis
 - transpiration
 - respiration
 - plant development and growth (including epicormic growth)
- biosecurity practices for pruning, including:
 - sterilisation of clothing, tools and equipment
 - management of debris removal
- pruning tools and equipment, including:
 - inspection
 - care and maintenance
 - storage and transport
- pruning techniques, including:
 - formative
 - preventative
 - natural target pruning
 - sequence (cutting techniques) for branch removal
 - crown modification
 - directional pruning.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so.

Where this is not appropriate, assessment must occur in simulated conditions involving realistic and authentic activities that replicate operational workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation, including workplace requirements, equipment specifications, regulations, codes of practice and operation manuals.

Links

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